

New Species of MORDELLISTENA collected in Illinois.

BY CHAS. A. HELMUTH, M. D.

A. Hind tibiæ with two oblique, parallel, equal ridges.

a. First joint of hind-tarsi with two, second with one ridge.

M. NIGRICOLLIS. Body black, head rufous, thorax entirely black; anterior feet and middle tibiæ and tarsi testaceous; posterior feet and abdomen tinged with testaceous; elytra with two yellow bands, the anterior one interrupted at the suture; ·08. (an Var. *M. trifasciate*?)

M. DIMIDIATA. Fuscous, linear; head, thorax, antennæ, anus, anterior and middle feet, and posterior tibiæ and tarsi reddish-yellow, ridges black; elytra fuscous, with light-brown pubescence, suture and lateral margin very narrowly piceous; ·09.

M. BIPLAGIATA. Black; elytra with a reddish-yellow oval humeral spot; basal joints of antennæ, palpi, tibiæ, tarsi and abdomen reddish, ridges black; ·13.

b. First and second joints of hind-tarsi each with two ridges.

M. BIPUSTULATA. Black, mouth, front, two small spots on the apical margin of the thorax and anterior feet reddish-yellow; pubescence light-brown sericeous; ·09.

c. First joint of hind-tarsi with three, second with two ridges.

M. RUBRILABRIS. Black; linear; mouth rufous, ·13.

B. Hind tibiæ with two parallel ridges, the anterior one extending almost across the outer face of the tibiæ.

a. First joint of hind-tarsi with two, second with one ridge.

M. PICILABRIS. Black; pubescence grayish; mouth and basal joints of antennæ piceous, ·08.

b. First joint of hind tarsi with three, second with two ridges.

M. GUTTULATA. Black; mouth piceous; elytra with numerous spots of cinereous pubescence; ·11.

C. Hind tibiæ with three short, oblique, parallel ridges, and a rudiment of a fourth one.

a. First joint of hind tarsi with three, second with two ridges.

M. SCALARIS. Black; mouth, anterior feet, and four basal joints of antennæ piceous; pubescence grayish-brown; thorax with three black clouds, each elytron with a very undulated band before the middle, beginning near the lateral margin and joining that of the other side at the scutellum, and a large oblong spot near the apex fuscous; ·17.

D. Hind tibiæ with four ridges.

a. First joint of hind tarsi with four, second and third each with three ridges.

M. FUSCO-ATRA. Very slender; dark fuscous; four basal joints of antennæ, anterior and middle feet piceous; pubescence brown-sericeous; ·14.

b. First joint of hind tarsi with five, second with three ridges.

M. SUTURELLA. Black; pubescence of head and thorax brownish, of elytra black, with the suture narrowly gray; ·17.

c. First joint of hind tarsi with five, second with three, third with two ridges.

M. RUFIVENTRIS. Black; pubescence of head and thorax brownish, of elytra black, with the suture narrowly gray; abdomen rufous, varied with black; ·20.

1864.]